

Species Datasheet

Datasheet No. P-048.002.011
(family.genus.species)

DBT- Network Programme

1.Taxon:

Species: *Tectaria incisa* Cav.

Subspecies:

Variety:

Cultivar

Hybrid

Image file

2. Synonyms:

Aspidiumandinum (Baker) C. Chr.

Aspidiummacrophyllum Sw.

Aspidiummacrophyllum var. *pittieri* Christ

Aspidiummartinicense Spreng.

Nephrodiumandinum Baker

Tectariaandina (Baker) C. Chr.

Tectariaincisa var. *incisa*

Tectariaincisa f. *incisa*

Tectariamartinicensis (Spreng.) Copel.

3.Systematic Position:

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- Class: Equisetopsida C. Agardh
- Subclass: Polypodiidae Cronquist, Takht. & Zimmerm.
- Order: Polypodiales Link.
- Family: Tectariaceae Panigrahi
- Subfamily:
- Genus: *Tectaria* Cav.
- Species: *Tectaria incisa* Cav.
- Subspecies:
- Variety:

4.Distribution:

Global: Mexico; West Indies in Antilles; Central America; South America to n Argentina.

India:

5.Indigenous/Exotic/Endemic;Cultivated/Wild:Cultivated

6.Threat Status:

IUCN:

BSI:

7.Habit and Habitat:Category One Invasive by the Florida Exotic Pest Plant Council (FLEPPC) for southern Florida

8.Life Form:

9.Economic Importance:

10. Probable Progenitor of:

11.DNA

C-value	Methodology
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12.Basic chromosome number(s): $x=40$ ^{6, 7, 32, 33}

13. Zygotic chromosome number(s): $2n=160$ ^{32, 33}

14. Gametic chromosome number(s): $n=40$ ³²

80 ^{6, 7, 32, 33}

15.Specialized chromosomes (B chromosomes/Sex chromosomes/Polytene chromosomes/Neocentric chromosomes):

Image file

16.Ploidylevel:Diploid (sexual) ³² ,

Tetraploid (sexual)^{6, 7, 32, 33}

Image file

17. Agametoploidy:

18. Nature of polyploidy (auto, segmental, allo, autoallo):

19. Genomic formula:

20. Aberrant chromosome number(s) (aneuploidy, aneusomaty, polysomaty):

21. Somatic chromosomes:

Karyotype

Chromosome size

NOR chromosome(s)

Degree of asymmetry

Image file

22. Banding pattern(s):

Image file

23. Physical mapping of chromosomes:

In situ hybridization

Image file

Fluorescent in situ hybridization:

Image file

24. Genomic in situ hybridization:

Image file

25. Linkage map:

Image file

26.Chromosome associations:

Female meiosis

Male meiosisDiploid: 40II^{32}

Tetraploid: $80\text{II}^{6, 7, 32, 32}$

Image file

27.Chromosome distribution at anaphase I:

28. Genetic diversity:

Chromosomal level

Image file

DNA level

29.Any other information (Apomixis; Inversion; Male sterility;Pollen grain mitosis; Pollen stainability;Translocationsetc.):